

What is claimed is:

1. A method of reproducing an audio signal, comprising the steps of:
supplying an audio signal to a plurality of digital filters,
respectively;

5 generating a sound field inside closed space by supplying respective
outputs of the plurality of digital filters to a plurality of speakers
constituting a speaker array, respectively; and

supplying the sounds outputted from the speaker array to a location
of a listener inside the sound field after being reflected by a wall surface of
10 the closed space with a sound pressure larger than that of a peripheral
location by setting predetermined delay times for said plurality of digital
filters, respectively.

2. The method of reproducing an audio signal according to
claim 1, wherein

15 a sound pressure directly arriving at said listener from said speaker
array is reduced by setting predetermined amplitudes to said plurality of
digital filters, respectively.

3. An apparatus for reproducing an audio signal, comprising:
a plurality of speakers constituting a speaker array; and
20 a plurality of digital filters to which an audio signal is supplied, respectively,
wherein

a sound field is generated inside closed space by supplying
respective outputs of said plurality of digital filters to said plurality of
speakers, respectively; and

25 the sounds outputted from the speaker array are supplied to a
location of a listener inside the sound field after being reflected by a wall
surface of the closed space with a sound pressure larger than that of a
peripheral location by setting predetermined delay times for said plurality
of digital filters, respectively.

30 4. The apparatus for reproducing an audio signal, according to
claim 3, wherein

a sound pressure directly arriving at said listener from said speaker array is reduced by setting predetermined amplitudes to said plurality of digital filters, respectively.